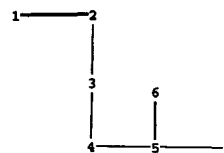
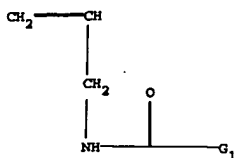


1/27/07



chain nodes :

1 2 3 4 5 6 8

chain bonds :

1-2 2-3 3-4 4-5 5-6 5-8

exact/norm bonds :

5-8

exact bonds :

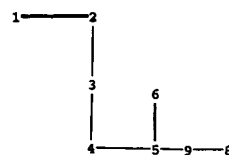
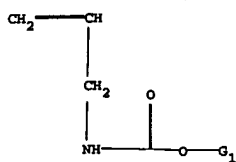
1-2 2-3 3-4 4-5 5-6

0 hits

G1:CH3,Et,n-Pr,i-Pr

Match level :

1:CLASS2:CLASS3:CLASS4:CLASS5:CLASS6:CLASS8:CLASS



chain nodes :

1 2 3 4 5 6 8 9

chain bonds :

1-2 2-3 3-4 4-5 5-6 5-9 8-9

exact/norm bonds :

5-9 8-9

exact bonds :

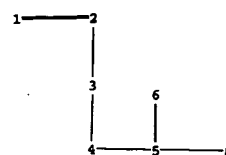
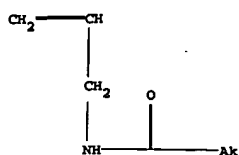
1-2 2-3 3-4 4-5 5-6

0 hits

G1:CH3,Et,n-Pr,i-Pr

Match level :

1:CLASS2:CLASS3:CLASS4:CLASS5:CLASS6:CLASS8:CLASS9:CLASS



chain nodes :

1 2 3 4 5 6 8

chain bonds :

1-2 2-3 3-4 4-5 5-6 5-8

exact/norm bonds :

5-8

exact bonds :

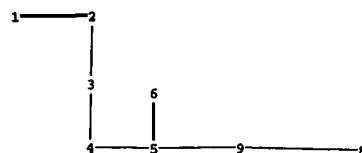
1-2 2-3 3-4 4-5 5-6

AK - open, any #
oh its

G1:CH3,Et,n-Pr,i-Pr

Match level :

1:CLASS2:CLASS3:CLASS4:CLASS5:CLASS6:CLASS8:CLASS



chain nodes :

1 2 3 4 5 6 8 9

chain bonds :

1-2 2-3 3-4 4-5 5-6 5-9 8-9

exact/norm bonds :

5-9 8-9

exact bonds :

1-2 2-3 3-4 4-5 5-6

0 hits

AK = open, not specified
any #

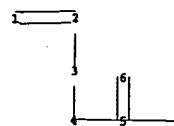
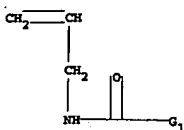
G1:CH3,Et,n-Pr,i-Pr

Match level :

1:CLASS2:CLASS3:CLASS4:CLASS5:CLASS6:CLASS8:CLASS9:CLASS

=>

Uploading C:\Program Files\Stnexp\Queries\565113a.str



chain nodes :
1 2 3 4 5 6 8
chain bonds :
1-2 2-3 3-4 4-5 5-6 5-8
exact/norm bonds :
5-8
exact bonds :
1-2 2-3 3-4 4-5 5-6

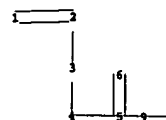
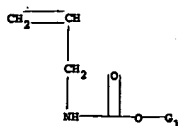
G1:CH3,Et,n-Pr,i-Pr

Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 8:CLASS

L1 STRUCTURE UPLOADED

=>

Uploading C:\Program Files\Stnexp\Queries\565113b.str



chain nodes :
 1 2 3 4 5 6 8 9
 chain bonds :
 1-2 2-3 3-4 4-5 5-6 5-9 8-9
 exact/norm bonds :
 5-9 8-9
 exact bonds :
 1-2 2-3 3-4 4-5 5-6

G1:CH3,Et,n-Pr,i-Pr

Match level :
 1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 8:CLASS 9:CLASS

L2 STRUCTURE UPLOADED

=> s l1 full
 FULL SEARCH INITIATED 16:35:16 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - 447413 TO ITERATE

100.0% PROCESSED 447413 ITERATIONS 0 ANSWERS
 SEARCH TIME: 00.00.05

L3 0 SEA SSS FUL L1

=> s l2 full
 FULL SEARCH INITIATED 16:35:26 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 54717 TO ITERATE

100.0% PROCESSED 54717 ITERATIONS
SEARCH TIME: 00.00.01

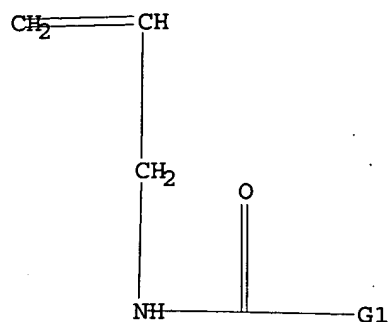
0 ANSWERS

L4 0 SEA SSS FUL L2

=> d l1

L1 HAS NO ANSWERS

L1 STR



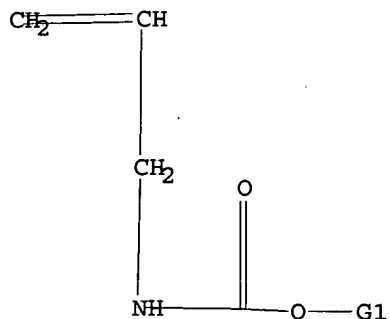
G1 Me,Et,n-Pr,i-Pr

Structure attributes must be viewed using STN Express query preparation.

=> d l2

L2 HAS NO ANSWERS

L2 STR

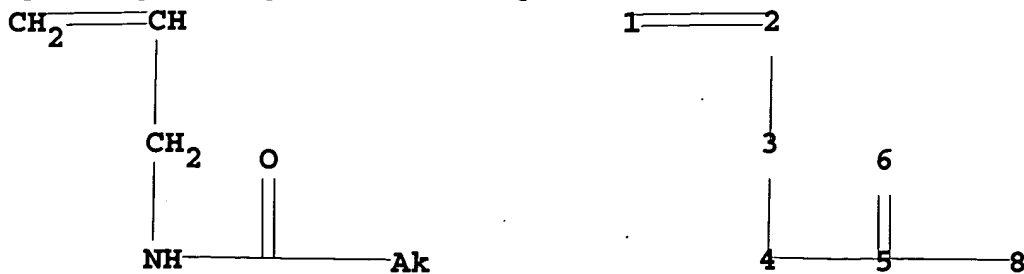


G1 Me,Et,n-Pr,i-Pr

Structure attributes must be viewed using STN Express query preparation.

=>

Uploading C:\Program Files\Stnexp\Queries\565113c.str



```

chain nodes :
1 2 3 4 5 6 8
chain bonds :
1-2 2-3 3-4 4-5 5-6 5-8
exact/norm bonds :
5-8
exact bonds :
1-2 2-3 3-4 4-5 5-6

```

G1:CH3,Et,n-Pr,i-Pr

```

Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 8:CLASS

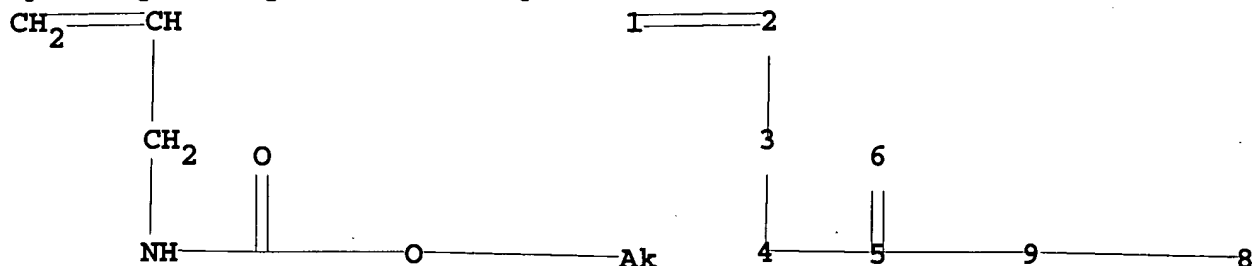
```

L5 STRUCTURE UPLOADED

```

=>
Uploading C:\Program Files\Stnexp\Queries\565113d.str

```



```

chain nodes :
1 2 3 4 5 6 8 9
chain bonds :
1-2 2-3 3-4 4-5 5-6 5-9 8-9
exact/norm bonds :
5-9 8-9
exact bonds :
1-2 2-3 3-4 4-5 5-6

```

G1:CH3,Et,n-Pr,i-Pr

```

Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 8:CLASS 9:CLASS

```

L6 STRUCTURE UPLOADED

```

=> s 15 full
FULL SEARCH INITIATED 16:38:03 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 45913 TO ITERATE

```

```

100.0% PROCESSED 45913 ITERATIONS
SEARCH TIME: 00.00.01

```

3 ANSWERS

L7 3 SEA SSS FUL L5

```

=> s 16 full
FULL SEARCH INITIATED 16:38:11 FILE 'REGISTRY'

```


FULL SCREEN SEARCH COMPLETED - 12038 TO ITERATE

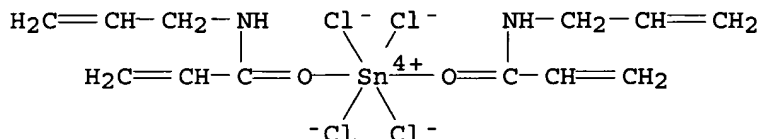
100.0% PROCESSED 12038 ITERATIONS
SEARCH TIME: 00.00.01

0 ANSWERS

L8 0 SEA SSS FUL L6

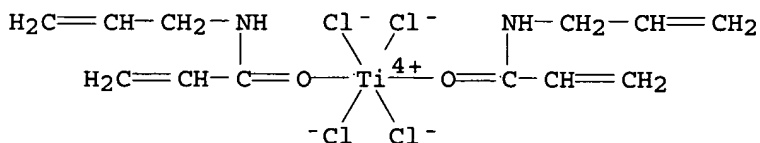
=> d 17 1-3

L7 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2007 ACS on STN
RN 36924-10-4 REGISTRY
ED Entered STN: 16 Nov 1984
CN Tin, tetrachlorobis(N-2-propenyl-2-propenamide-O)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2-Propenamide, N-2-propenyl-, tin complex
MF C12 H18 Cl4 N2 O2 Sn
CI CCS
LC STN Files: CA, CAPLUS



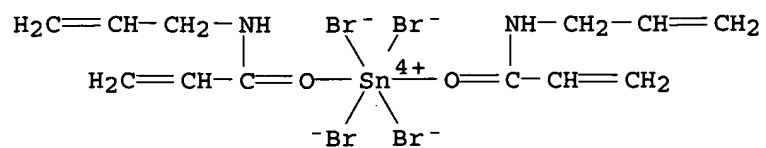
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2007 ACS on STN
RN 36823-41-3 REGISTRY
ED Entered STN: 16 Nov 1984
CN Titanium, tetrachlorobis(N-2-propenyl-2-propenamide-O)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2-Propenamide, N-2-propenyl-, titanium complex
MF C12 H18 Cl4 N2 O2 Ti
CI CCS
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

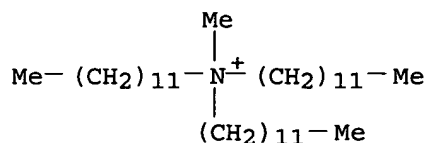
L7 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2007 ACS on STN
RN 36823-32-2 REGISTRY
ED Entered STN: 16 Nov 1984
CN Tin, tetrabromobis(N-2-propenyl-2-propenamide-O)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2-Propenamide, N-2-propenyl-, tin complex
MF C12 H18 Br4 N2 O2 Sn
CI CCS
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=>

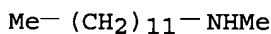
---Logging off



● Cl⁻

317 REFERENCES IN FILE CA (1907 TO DATE)
 28 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 318 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L1 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 2292-50-4 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 1-Dodecanamine, N-methyl-, hydrochloride (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Dodecylamine, N-methyl-, hydrochloride (7CI, 8CI)
 OTHER NAMES:
 CN Laurylmethylammonium chloride
 CN N-Methyldodecanaminium hydrochloride
 CN N-Methyldodecylamine hydrochloride
 CN N-Methyldodecylammonium chloride
 MF C13 H29 N . Cl H
 CI COM
 LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CHEMLIST, DETHERM*, IFICDB,
 IFIPAT, IFIUDB, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 CRN (7311-30-0)



● HCl

35 REFERENCES IN FILE CA (1907 TO DATE)
 3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 35 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> FIL STNGUIDE

| | | |
|----------------------|------------|---------|
| COST IN U.S. DOLLARS | SINCE FILE | TOTAL |
| | ENTRY | SESSION |
| FULL ESTIMATED COST | 21.60 | 21.81 |

FILE 'STNGUIDE' ENTERED AT 12:33:54 ON 27 JAN 2007
 USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
 COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
 AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
 LAST RELOADED: Jan 19, 2007 (20070119/UP).

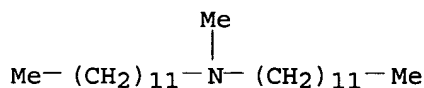
10/565,113

<http://www.cas.org/ONLINE/UG/regprops.html>

=> s laurylmethylammonium chloride
7 LAURYL METHYLAMMONIUM
981485 CHLORIDE
L1 3 LAURYL METHYLAMMONIUM CHLORIDE
(LAURYL METHYLAMMONIUM(W) CHLORIDE)

=> d 1-3

L1 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2007 ACS on STN
RN 77355-04-5 REGISTRY
ED Entered STN: 16 Nov 1984
CN 1-Dodecanamine, N-dodecyl-N-methyl-, hydrochloride (9CI) (CA INDEX NAME)
OTHER NAMES:
CN Dilaurylmethylammonium chloride
MF C25 H53 N . Cl H
LC STN Files: BEILSTEIN*, CA, CAPLUS, TOXCENTER, USPATFULL
(*File contains numerically searchable property data)
CRN (2915-90-4)



● HCl

6 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2007 ACS on STN
RN 7173-54-8 REGISTRY
ED Entered STN: 16 Nov 1984
CN 1-Dodecanaminium, N,N-didodecyl-N-methyl-, chloride (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Ammonium, tridodecylmethyl-, chloride (8CI)
CN Tridodecylmethylammonium chloride (7CI)
OTHER NAMES:
CN Arquad 312-85
CN Methyltridodecylammonium chloride
CN TDMAC
CN Trilaurylmethylammonium chloride
DR 8075-29-4, 64925-79-7
MF C37 H78 N . Cl
CI COM
LC STN Files: BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT,
CHEMCATS, CHEMLIST, CSChem, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA,
MEDLINE, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)
Other Sources: NDSL**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)
CRN (45313-91-5)

10/565,113 , 1/26/07-1/27/07

| | Type | Hits | Search Text |
|----|------|---------|---|
| 1 | BRS | 77190 | polyvinylpyrrolidone |
| 2 | BRS | 2437 | polyallylamine |
| 3 | BRS | 61962 | polyvinylalcohol or pva |
| 4 | BRS | 1 | polyallylamine near5 protected |
| 5 | BRS | 51958 | polyacrylic adj acid |
| 6 | BRS | 1172 | S1 and (S3 or S4 or S5) |
| 7 | BRS | 1956300 | pattern |
| 8 | BRS | 351 | S6 and S7 |
| 9 | BRS | 198350 | crosslinker or crosslinking |
| 10 | BRS | 3230 | (crosslinker or crosslinking) near3 (water adj soluble) |
| 11 | BRS | 37 | S8 and S10 |
| 12 | BRS | 62664 | water adj soluble adj (polymer or resin) |
| 13 | BRS | 847860 | S11 ad S12 |

| | DBs | Time Stamp | Comments | Error Definition |
|-----------|--|-------------------|-----------------|-------------------------|
| 1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/26 11:53 | | |
| 2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/26 11:52 | | |
| 3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/26 11:52 | | |
| 4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/25 16:36 | | |
| 5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/26 11:53 | | |
| 6 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/26 11:53 | | |
| 7 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/25 16:39 | | |
| 8 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/25 16:41 | | |
| 9 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/25 16:42 | | |
| 10 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/25 16:51 | | |
| 11 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/26 11:52 | | |
| 12 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/27 11:27 | | |
| 13 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/25 16:52 | | |

| | Type | Hits | Search Text |
|----|------|---------|---|
| 14 | BRS | 35 | S11 and S12 |
| 15 | BRS | 1386871 | ph |
| 16 | BRS | 18 | S23 and S24 |
| 17 | BRS | 215554 | initiator or photoinitiator |
| 18 | BRS | 360068 | urea or hydrazine or glucosamine or amino adj acid |
| 19 | BRS | 31 | S23 and S26 |
| 20 | BRS | 0 | S40 and S48 and S32 and S24 |
| 21 | BRS | 0 | S50 and S32 |
| 22 | BRS | 27 | S40 and S48 |
| 23 | BRS | 8 | S43 and S35 |
| 24 | BRS | 17 | S40 and S41 and S42 |
| 25 | BRS | 1 | S36 and S19 |
| 26 | BRS | 6 | S34 and S35 |
| 27 | BRS | 3 | (ink adj jet adj receiving adj layer).ti. |
| 28 | BRS | 5 | S35 and S45 |
| 29 | BRS | 8 | S24 and S43 |
| 30 | BRS | 717 | nakano.in. and silica |
| 31 | BRS | 37 | S21 and S22 |
| 32 | BRS | 3230 | (crosslinker or crosslinking) near3 (water adj soluble) |
| 33 | BRS | 351 | S19 and S20 |

| | DBs | Time Stamp | Comments | Error Definition |
|----|--|-------------------|-----------------|-------------------------|
| 14 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/25 16:53 | | |
| 15 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/26 13:30 | | |
| 16 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/26 13:30 | | |
| 17 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/26 13:11 | | |
| 18 | US-PGPUB; USPAT | 2007/01/26 16:17 | | |
| 19 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/26 13:34 | | |
| 20 | US-PGPUB; USPAT | 2007/01/26 16:16 | | |
| 21 | US-PGPUB; USPAT | 2007/01/26 16:16 | | |
| 22 | US-PGPUB; USPAT | 2007/01/26 16:16 | | |
| 23 | US-PGPUB; USPAT | 2007/01/26 14:45 | | |
| 24 | US-PGPUB; USPAT | 2007/01/26 14:45 | | |
| 25 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/26 14:32 | | |
| 26 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/26 14:29 | | |
| 27 | US-PGPUB; USPAT | 2007/01/26 14:56 | | |
| 28 | US-PGPUB; USPAT | 2007/01/26 14:55 | | |
| 29 | US-PGPUB; USPAT | 2007/01/26 14:45 | | |
| 30 | US-PGPUB; USPAT | 2007/01/26 14:33 | | |
| 31 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/26 13:57 | | |
| 32 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/26 11:55 | | |
| 33 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/26 11:54 | | |

| | Type | Hits | Search Text |
|----|------|---------|-----------------------------|
| 34 | BRS | 51958 | polyacrylic adj acid |
| 35 | BRS | 61962 | polyvinylalcohol or pva |
| 36 | BRS | 77190 | polyvinylpyrrolidone |
| 37 | BRS | 1956300 | pattern |
| 38 | BRS | 1172 | S15 and (S16 or S17 or S18) |
| 39 | BRS | 2437 | polyallylamine |
| 40 | BRS | 0 | ph adj S22 |
| 41 | BRS | 379008 | surfactant |
| 42 | BRS | 2927 | ph8 |
| 43 | BRS | 0 | S23 and S29 |
| 44 | BRS | 6 | S24 and S33 and S22 and S20 |
| 45 | BRS | 30 | ph8 and ink adj jet |
| 46 | BRS | 2883 | S32 and (S16 or S17 or S18) |

| | DBs | Time Stamp | Comments | Error Definition |
|-----------|--|-------------------|-----------------|-------------------------|
| 34 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/26 11:53 | | |
| 35 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/26 11:53 | | |
| 36 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/26 11:53 | | |
| 37 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/26 11:54 | | |
| 38 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/26 14:24 | | |
| 39 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/26 14:23 | | |
| 40 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/26 13:34 | | |
| 41 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/26 14:25 | | |
| 42 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/26 13:35 | | |
| 43 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/26 13:34 | | |
| 44 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/26 14:24 | | |
| 45 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/26 13:35 | | |
| 46 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/26 14:24 | | |

| | Type | Hits | Search Text |
|----|------|--------|---|
| 47 | BRS | 24282 | basic adj compound |
| 48 | BRS | 105 | water adj soluble adj crosslinker |
| 49 | BRS | 28169 | amine adj compound |
| 50 | BRS | 443 | water adj soluble adj (crosslinker or crosslinking) |
| 51 | BRS | 36891 | water adj soluble adj (resin or polymer) |
| 52 | BRS | 74 | nakano.in. and (silica.ti. or ink.ti.) |
| 53 | BRS | 48 | (water adj soluble adj (crosslinker or crosslinking)) same (water adj soluble adj resin) |
| 54 | BRS | 360068 | urea or hydrazine or glucosamine or (amino adj acid) |
| 55 | BRS | 98 | S40 and S41 and S53 |
| 56 | BRS | 45 | S24 and S54 |
| 57 | BRS | 92 | polyallylamine adj derivative |
| 58 | BRS | 1 | S40 and S41 and S56 |
| 59 | BRS | 1 | S58 and S60 |
| 60 | BRS | 10 | S60 and S62 |
| 61 | BRS | 45007 | amine adj compound |
| 62 | BRS | 675 | water adj soluble adj (crosslinker or crosslinking) |
| 63 | BRS | 131 | polyallylamine adj derivative |
| 64 | BRS | 0 | jp-2000-0347401-\$.did. |
| 65 | BRS | 0 | jp-130347401-\$.did. |
| 66 | BRS | 0 | jp-0347401-\$.did. |
| 67 | BRS | 0 | jp-13-0347401-\$.did. |
| 68 | BRS | 24 | (water adj soluble adj (crosslinker or crosslinking)) same (water adj soluble adj resin) and amine |
| 69 | BRS | 0 | jp-13347401-\$.did. |

| | DBs | Time Stamp | Comments | Error Definition |
|----|--|-------------------|-----------------|-------------------------|
| 47 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/26 14:24 | | |
| 48 | US-PGPUB; USPAT | 2007/01/26 16:15 | | |
| 49 | US-PGPUB; USPAT | 2007/01/26 16:28 | | |
| 50 | US-PGPUB; USPAT | 2007/01/26 16:26 | | |
| 51 | US-PGPUB; USPAT | 2007/01/26 14:44 | | |
| 52 | US-PGPUB; USPAT | 2007/01/26 14:43 | | |
| 53 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/26 16:41 | | |
| 54 | US-PGPUB; USPAT | 2007/01/26 16:18 | | |
| 55 | US-PGPUB; USPAT | 2007/01/26 16:18 | | |
| 56 | US-PGPUB; USPAT | 2007/01/26 16:25 | | |
| 57 | US-PGPUB; USPAT | 2007/01/26 16:25 | | |
| 58 | US-PGPUB; USPAT | 2007/01/26 16:19 | | |
| 59 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/26 16:27 | | |
| 60 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/26 16:39 | | |
| 61 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/26 16:28 | | |
| 62 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/26 16:26 | | |
| 63 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/26 16:26 | | |
| 64 | USPAT; JPO; DERWENT | 2007/01/27 11:12 | | |
| 65 | USPAT; JPO; DERWENT | 2007/01/26 16:41 | | |
| 66 | USPAT; JPO; DERWENT | 2007/01/26 16:40 | | |
| 67 | USPAT; JPO; DERWENT | 2007/01/26 16:41 | | |
| 68 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/01/26 16:41 | | |
| 69 | USPAT; JPO; DERWENT | 2007/01/27 11:12 | | |

| | Type | Hits | Search Text |
|----|------|-------|--|
| 70 | BRS | 0 | jp-20000347401-\$.did. |
| 71 | BRS | 0 | jp-130347401-\$.did. |
| 72 | BRS | 0 | jp-0347401-\$.did. |
| 73 | BRS | 0 | jp-200347401-\$.did. |
| 74 | BRS | 0 | jp-120347401-\$.did. |
| 75 | BRS | 0 | jp-12347401-\$.did. |
| 76 | BRS | 0 | jp-12-347401-\$.did. |
| 77 | BRS | 85060 | initiator or photoinitiator |
| 78 | BRS | 23604 | water adj soluble adj (polymer or resin) |
| 79 | BRS | 23 | water adj soluble adj crosslinker |
| 80 | BRS | 190 | water adj soluble adj crosslinking |
| 81 | BRS | 31843 | (amine or basic) near2 compound |
| 82 | BRS | 718 | S77 and S78 |
| 83 | BRS | 0 | S82 and S79 |
| 84 | BRS | 3 | S82 and (S79 or S80) |
| 85 | BRS | 0 | S81 and S84 |
| 86 | BRS | 0 | jp-12347414-\$.did. |
| 87 | BRS | 7 | S82 and S81 |
| 88 | BRS | 2 | jp-2000347414-\$.did. |
| 89 | BRS | 22418 | yoshiki.in. |
| 90 | BRS | 6 | "487330".ap. |
| 91 | BRS | 393 | yoshiki.in. and resist |
| 92 | BRS | 0 | yoshiki-sugata.in. and resist |
| 93 | BRS | 3 | yoshiki.in. and resist and kazumasa.in. |
| 94 | BRS | 0 | yoshiki-s\$.in. and resist |
| 95 | BRS | 515 | yoshiki.in. and resist |
| 96 | BRS | 2 | "6486058".pn. |
| 97 | BRS | 13385 | takahashi.in. and pattern |
| 98 | BRS | 1867 | takano.in. and pattern |
| 99 | BRS | 49 | S97 and S98 |

| | DBs | Time Stamp | Comments | Error Definition |
|----|----------------------------------|-------------------|-----------------|-------------------------|
| 70 | USPAT; JPO; DERWENT | 2007/01/27 11:12 | | |
| 71 | USPAT; JPO; DERWENT | 2007/01/27 11:13 | | |
| 72 | USPAT; JPO; DERWENT | 2007/01/27 11:14 | | |
| 73 | USPAT; JPO; DERWENT | 2007/01/27 11:24 | | |
| 74 | USPAT; JPO; DERWENT | 2007/01/27 11:25 | | |
| 75 | USPAT; JPO; DERWENT | 2007/01/27 11:43 | | |
| 76 | USPAT; JPO; DERWENT | 2007/01/27 11:26 | | |
| 77 | EPO; JPO; DERWENT | 2007/01/27 11:26 | | |
| 78 | EPO; JPO; DERWENT | 2007/01/27 11:27 | | |
| 79 | EPO; JPO; DERWENT | 2007/01/27 11:28 | | |
| 80 | EPO; JPO; DERWENT | 2007/01/27 11:28 | | |
| 81 | EPO; JPO; DERWENT | 2007/01/27 11:28 | | |
| 82 | EPO; JPO; DERWENT | 2007/01/27 11:28 | | |
| 83 | EPO; JPO; DERWENT | 2007/01/27 11:29 | | |
| 84 | EPO; JPO; DERWENT | 2007/01/27 11:29 | | |
| 85 | EPO; JPO; DERWENT | 2007/01/27 11:29 | | |
| 86 | USPAT; JPO; DERWENT | 2007/01/27 11:44 | | |
| 87 | EPO; JPO; DERWENT | 2007/01/27 11:34 | | |
| 88 | USPAT; JPO; DERWENT | 2007/01/27 11:46 | | |
| 89 | USPAT; JPO; DERWENT | 2007/01/27 11:47 | | |
| 90 | US-PGPUB; USPAT; JPO; DERWENT | 2007/01/27 14:33 | | |
| 91 | USPAT; JPO; DERWENT | 2007/01/27 11:50 | | |
| 92 | USPAT; JPO; DERWENT | 2007/01/27 11:48 | | |
| 93 | US-PGPUB; USPAT; JPO; DERWENT | 2007/01/27 12:05 | | |
| 94 | USPAT; JPO; DERWENT | 2007/01/27 11:48 | | |
| 95 | US-PGPUB; USPAT; JPO; DERWENT | 2007/01/27 11:51 | | |
| 96 | US-PGPUB; USPAT; JPO; DERWENT | 2007/01/27 12:09 | | |
| 97 | US-PGPUB; USPAT; JPO; DERWENT | 2007/01/27 14:34 | | |
| 98 | US-PGPUB; USPAT; JPO; DERWENT | 2007/01/27 14:34 | | |
| 99 | US-PGPUB; USPAT; JPO; DERWENT | 2007/01/27 16:02 | | |

| | Type | Hits | Search Text |
|-----|------|----------|---|
| 100 | BRS | 6 | "487330".ap. |
| 101 | BRS | 8 | "679265".ap. |
| 102 | BRS | 2025 | S103 and S104 |
| 103 | BRS | 357573 | surfactant |
| 104 | BRS | 1093 | S105 and S106 |
| 105 | BRS | 0 | wasoom and plasticizer |
| 106 | BRS | 167225 | plasticizer |
| 107 | BRS | 12781 | water adj soluble adj resin |
| 108 | BRS | 8495333 | @ay>"1999" |
| 109 | BRS | 646 | S107 and S108 |
| 110 | BRS | 853 | S107 and S110 |
| 111 | BRS | 23013437 | @ay<"2004" |
| 112 | BRS | 58590 | plasticizer.ab. |
| 113 | BRS | 60 | S111 and S112 |
| 114 | BRS | 0 | polyallylamine near3 (alkyloxycarbonyl or aryloxycarbonyl or alkylcarbonyl) |
| 115 | BRS | 1 | polyallylamine near3 (ethyloxycarbonyl or phenoxycarbonyl or ethylcarbonyl) |
| 116 | BRS | 9 | tdur-p036pm |
| 117 | BRS | 3 | "6811817".pn. |

| | DBs | Time Stamp | Comments | Error Definition |
|------------|----------------------------------|-------------------|-----------------|-------------------------|
| 100 | US-PGPUB; USPAT; JPO; DERWENT | 2007/01/27 16:03 | | |
| 101 | US-PGPUB; USPAT; JPO; DERWENT | 2007/01/27 16:05 | | |
| 102 | US-PGPUB; USPAT; JPO; DERWENT | 2007/01/27 16:07 | | |
| 103 | US-PGPUB; USPAT; JPO; DERWENT | 2007/01/27 16:07 | | |
| 104 | US-PGPUB; USPAT; JPO; DERWENT | 2007/01/27 16:07 | | |
| 105 | US-PGPUB; USPAT; JPO; DERWENT | 2007/01/27 16:06 | | |
| 106 | US-PGPUB; USPAT; JPO; DERWENT | 2007/01/27 16:14 | | |
| 107 | US-PGPUB; USPAT; JPO; DERWENT | 2007/01/27 16:06 | | |
| 108 | US-PGPUB; USPAT; JPO; DERWENT | 2007/01/27 16:09 | | |
| 109 | US-PGPUB; USPAT; JPO; DERWENT | 2007/01/27 16:08 | | |
| 110 | US-PGPUB; USPAT; JPO; DERWENT | 2007/01/27 16:11 | | |
| 111 | US-PGPUB; USPAT; JPO; DERWENT | 2007/01/27 16:09 | | |
| 112 | US-PGPUB; USPAT; JPO; DERWENT | 2007/01/27 16:14 | | |
| 113 | US-PGPUB; USPAT; JPO; DERWENT | 2007/01/27 16:19 | | |
| 114 | US-PGPUB; USPAT; JPO; DERWENT | 2007/01/27 16:24 | | |
| 115 | US-PGPUB; USPAT; JPO; DERWENT | 2007/01/27 17:12 | | |
| 116 | US-PGPUB; USPAT; JPO; DERWENT | 2007/01/27 17:15 | | |
| 117 | US-PGPUB; USPAT; JPO; DERWENT | 2007/01/27 17:15 | | |

10/565, 113

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|-----------------------------|--|------------------|---------|------------------|
| L1 | 13385 | takahashi.in. and pattern | US-PGPUB; USPAT; JPO; DERWENT | OR | ON | 2007/01/27 14:34 |
| L2 | 1867 | takano.in. and pattern | US-PGPUB; USPAT; JPO; DERWENT | OR | ON | 2007/01/27 14:34 |
| L3 | 49 | 1 and 2 | US-PGPUB; USPAT; JPO; DERWENT | OR | ON | 2007/01/27 16:02 |
| L4 | 6 | "487330".ap. | US-PGPUB; USPAT; JPO; DERWENT | OR | ON | 2007/01/27 16:03 |
| L5 | 8 | "679265".ap. | US-PGPUB; USPAT; JPO; DERWENT | OR | ON | 2007/01/27 16:05 |
| L6 | 0 | wasoom and plasticizer | US-PGPUB; USPAT; JPO; DERWENT | OR | ON | 2007/01/27 16:06 |
| L7 | 167225 | plasticizer | US-PGPUB; USPAT; JPO; DERWENT | OR | ON | 2007/01/27 16:14 |
| L8 | 12781 | water adj soluble adj resin | US-PGPUB; USPAT; JPO; DERWENT | OR | ON | 2007/01/27 16:06 |
| L9 | 2025 | 7 and 8 | US-PGPUB; USPAT; JPO; DERWENT | OR | ON | 2007/01/27 16:07 |
| L10 | 357573 | surfactant | US-PGPUB; USPAT; JPO; DERWENT | OR | ON | 2007/01/27 16:07 |
| L11 | 1093 | 9 and 10 | US-PGPUB; USPAT; JPO; DERWENT | OR | ON | 2007/01/27 16:07 |

EAST Search History

| | | | | | | |
|-----|----------|---|--|----|----|------------------|
| L12 | 8495333 | @ay>"1999" | US-PGPUB; USPAT; JPO; DERWENT | OR | ON | 2007/01/27 16:09 |
| L13 | 646 | 11 and 12 | US-PGPUB; USPAT; JPO; DERWENT | OR | ON | 2007/01/27 16:08 |
| L14 | 23013437 | @ay<"2004" | US-PGPUB; USPAT; JPO; DERWENT | OR | ON | 2007/01/27 16:09 |
| L15 | 853 | 11 and 14 | US-PGPUB; USPAT; JPO; DERWENT | OR | ON | 2007/01/27 16:11 |
| L16 | 58590 | plasticizer.ab. | US-PGPUB; USPAT; JPO; DERWENT | OR | ON | 2007/01/27 16:14 |
| L17 | 60 | 15 and 16 | US-PGPUB; USPAT; JPO; DERWENT | OR | ON | 2007/01/27 16:19 |
| L18 | 0 | polyallylamine near3 (alkyloxycarbonyl or aryloxycarbonyl or alkylcarbonyl) | US-PGPUB; USPAT; JPO; DERWENT | OR | ON | 2007/01/27 16:24 |
| L19 | 1 | polyallylamine near3 (ethyloxycarbonyl or phenoxycarbonyl or ethylcarbonyl) | US-PGPUB; USPAT; JPO; DERWENT | OR | ON | 2007/01/27 17:12 |
| L20 | 9 | tdur-p036pm | US-PGPUB; USPAT; JPO; DERWENT | OR | ON | 2007/01/27 17:15 |
| L21 | 3 | "6811817".pn. | US-PGPUB; USPAT; JPO; DERWENT | OR | ON | 2007/01/27 17:15 |